

LIST OF SEMINARS/TRAININGS BY CENTRAL LABORATORY

By: Siti Nurfashiha

1. Seminar on HPLC – ‘PRINCIPLE OF HPLC, HPLC COLUMN THEORY AND TROUBLE SHOOTING, SAMPLE PREPARATION USING SPE’.

Date : August 21, 2015.

Venue : Tun Fatimah Hall.

Participant : 53 (internal and external)

Project value : RM3,180

Objective : The aim is to inform users about the HPLC (High Performance Liquid Chromatography) instruments comprising the principles, theory, column and maintenance as well as sample preparation using Solid Phase Extraction (SPE). It is carried out with the cooperation of Research Instrument (RI) Sdn. Bhd.

Speaker/Trainer : Ms Chew Won Chin of RI Sdn. Bhd.

2. ICPMS BASIC OPERATION & TECHNIQUE TRAINING (2 DAYS)

Date : September 21 and 22, 2015

Venue : ICPMC Laboratory and Preparatory Laboratory

Participant : Two (Fishery Research Institute, Penang)

Objective : The aim is to provide theory and practical knowledge on sample preparation procedure using Microwave Digester and ICPMS (Inductive Couple Plasma Mass Spectrometer) instrument. Participants are also briefed about the maintenance aspect of ICPMS instrument and Microwave Digester.

Project value : RM 3,560

Speaker/Trainer : En. Rafie bin Rosly (Science Officer C41, Centralised Laboratory) and Pn. Nor Hafizah binti Zainal Abidin (Science Officer C44, Centralised Laboratory)

3. HPLC BASIC OPERATION & TECHNIQUE TRAINING (2 DAYS)

Date : October 21 and November 18, 2015

Venue : HPLC and Meeting Room, Centralised Laboratory

Participant : 11 (Undergraduates of third year and fourth year, FIST)

Objective : The training is a joint effort of ICoE and Faculty of Science and Industrial Technology. The aim is to provide theory and practical knowledge to the undergraduates. They are also given the opportunity to handle the instrument under the supervisions of the trainers and briefed about problems that normally occurred when handling the device.

Speaker/Trainer : Pn. Siti Nurfashiha bt Mohd Yasin (Science Officer C41, Centralised Laboratory) and En. Rafie bin Rosly (Science Officer C41, Centralised Laboratory).

4. THE THEORY AND PRACTICAL OF NMR

Date : November 5 and November 19, 2015

Venue : NMR Laboratory, Centralised Laboratory

Participant : 60 (FIST Undergraduates)

Objective: a) explanation on the theory aspect of the Nuclear Magnetic Resonance (NMR) sample preparation procedure and operation
b) providing direct exposure on NMR instrument

Speaker/Trainer : Pn. Nor Hafizah bt Zainal Abidin (Science Officer C44, Centralised Laboratory) and En. Aimi Ilmar bin Ramli (Science Officer C44, Centralised Laboratory).

5. FOOD LABELLING SEMINAR 2015

Date : December 1, 2015

Venue : Tun Fatimah Hall, UMP

Participant : 37 (internal and external)

Project Value : RM3,700

Objective : It is aimed at providing information on the right food labelling technique as required under the Food Act 1983 and Regulations of Food 1985. It will enhance the food producer's understanding on food labelling laws. Among them are listing the food product and ingredients, labelling of the food nutrition, claims on the benefits of the food, side-effects to health and methods of preparation

Speaker/Trainer: Dr Muhammad bin Ibrahim (Department of Nutrition Sciences, Kulliyah of Allied Health Sciences, IIUM) and Pornima A/P Karpayah (Food Technology Officer C44, Kuantan district health office).

